

Wholesale Tariff (T-W) for Year 2022 & Methodology for T-W Adjustment with the Weighted Average Fuel Price

The Wholesale Tariff (T-W) concerns electricity selling prices of EAC Generation to EAC Supply and to other Producers or Suppliers at the Basic Fuel Price (€300/Metric Ton).

The following tariffs are applicable from June 2022 as per CERA decision 215/2022

CERA DECISION 215/2022		
Wholesale Tariff (T-W) for the year 2022 (€cent/ Sent out kWh)		
at the Basic Fuel Price (€300/ Metric Ton)		
Period	Summer (1 June – 30 Sept.)	
	Weekday	Weekend/Holidays
Peak Hours (09:00 - 23:00)	15,08	9,44
Off Peak - All Days (23:00 – 09:00)	9,16	8,94
Period	Other Seasons (1 Jan. - 31May/ 1 Oct. - 31Dec.)	
	Weekday	Weekend/Holidays
Peak Hours - All Days (16:00 - 23:00)	9,54	9,17
Off Peak - All Days (23:00 – 16:00)	8,56	8,13

METHODOLOGY OF T-W ADJUSTMENT WITH THE WEIGHTED AVERAGE FUEL PRICE

The Wholesale Tariff (T-W) is adjusted based on the Weighted Average Fuel Price, which is announced by EAC every month, and the Fuel Adjustment Coefficient for Customers at the High Voltage, which is approved by CERA every 6 months adjusted with the loss adjustment factor at high voltage for each month. The Weighted Average Fuel Price of each month is presented at EAC's website at the following address:

<https://www.eac.com.cy/EN/RegulatedActivities/Generation/Documents/WEIGHTED%20AVERAGE%20FUEL%20PRICE.pdf>

The approved Fuel Adjustment Coefficient at High voltage and the monthly loss adjustment factor at high voltage as set by CERA's decision (No.375/2021) is shown at the table below. Specifically, the Adjusted T-W at a particular hour equals with the T-W at the Basic Fuel Price (i.e. with fuel cost 300€/MT) adjusted by the product of the difference between the Weighted Average Fuel Price and the Basic Fuel Price times the approved Fuel Adjustment Coefficient for Customers at the High Voltage, which applies for that particular month divided by the loss adjustment factor at high voltage (i.e multiplied with the modified Fuel Adjustment Coefficient at High Voltage for Customers).

EXAMPLE 1: PRICING FOR JULY 2022, AT WEEKDAY OFF PEAK HOURS (E.G. AT 13:00)

For the Off Peak Hour of a Weekday of July 2022 (e.g. at 13:00) the approved Fuel Adjustment Coefficient for Customers at the High Voltage adjusted with the loss adjustment factor at high voltage equals to $0,00023899/(1+0,0157) = 0,00023530$ M.Tons/kWh

If say, the Weighted Average Fuel Price for July equals to 950€/M.Ton and the Basic T-W equals to 15,08 ¢cent/kWh then:

Adjusted T-W = T-W at the Basic Fuel Price (see above table) + $(€950-€300) * 0,00023530 = €0,1529/\text{kWh}$ $15,08 + 15,29 = 30,37\text{¢cent/kWh}$

EXAMPLE 2: PRICING FOR A WEEKEND IN JANUARY 2022 AT PEAK HOURS (E.G. AT 18:00):

For Intermediate Period Hours of a Weekend in January 2022 (e.g. at 18:00) the approved Fuel Adjustment Coefficient for Customers at the High Voltage equals to $0,00021977/(1+0,0129) = 0,00021697\text{M.Tons/kWh}$.

If say, the Weighted Average Fuel Price for January 2022 equals to 687,06€/M.Ton and the Basic T-W equals to 9,54 ¢cent/kWh then:

Adjusted T-W = T-W at the Basic Fuel Price (see above table)+ (687,06-300) *
0,00021697 =€0,08398/kWh 9,54 + 8,40= 17,94¢cent/kWh